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Attorney Docket No.: 1102-98APR 10 2003

TECH CENTER 1600/2900

In re Application of Mie Kainoh et al

Serial No.: 09/155,514

Filed: November 17, 1998

For: CHIMERIC PROTEINS, THEIR HETERODIMER COMPLEXES, AND PLATELET SUBSTITUTES

COMMISSIONER FOR PATENTS
Washington, DC 20231

Sir:

Transmitted herewith is an Amendment in the above-identified application.

- Small entity status of this application under 37 CFR §1.9 and §1.27 has been established by a verified statement previously submitted.
- A verified statement to establish small entity status under 37 CFR §1.9 and §1.27 is enclosed.
- x No additional fee is required.

The fee has been calculated as shown below:

(Col. 1)

(Col. 2) (Col. 3)

SMALL ENTITY

OTHER THAN
SMALL ENTITY

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PRE- VIOUSLY PAID FOR	PRESENT EXTRA
TOTAL	*9	-	** 64 =	
INDEP.	*1	-	*** 6 =	
First presentation of multiple dependent claim				

RATE	ADD'L FEE
x 9=	\$
x42=	\$
+140=	\$

OR

RATE	ADD'L FEE
x18=	\$
x84=	\$
+280=	\$

TOTAL ADDITIONAL FEE \$0 OR \$ _____

- * If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
- ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
- *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

- Please charge my Deposit Account No. 50-1442 in the amount of \$_____.
A duplicate copy of this sheet is enclosed.
- A check in the amount of \$_____ is attached.
- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 13-3405. A duplicate copy of this sheet is enclosed.
 - Any filing fees under 37 CFR §1.16 for the presentation of extra claims.
 - Any patent application processing fees under 37 CFR §1.17 with the exception of the Issue Fee which we intend to pay by check.



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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APR 10 2003
TECH CENTER 1600/2900
30/648
ES/17

Art Unit : 1644
Examiner : Ronald B. Schwadron
Serial No. : 09/155,514
Filed : November 17, 1998
Inventors : Mie Kainoh
Title : CHIMERIC PROTEINS, THEIR
: HETERO DIMER COMPLEXES, AND
: PLATELET SUBSTITUTES



35811

PATENT TRADEMARK OFFICE

Docket: 1102-98

Confirmation No.: 8751

Date: April 3, 2003

AMENDMENT

Box AF

Commissioner for Patents
Washington, DC 20231

Sir:

In response to the Official Action dated November 19, 2002, Applicants amend as follows:

Marked up Version in the Claims

Kindly amend the claim as follows:

3. (Currently Amended) A chimeric protein heterodimer complex, according to claim 2, wherein said a chimeric proteins comprises an α chain • immunoglobulin heavy chain- β chain • immunoglobulin heavy chain chimeric protein heterodimer complex, wherein a chimeric protein comprising the α chain of an integrin and the heavy chain of an immunoglobulin and a chimeric protein comprising the β chain of the integrin and the heavy chain of the immunoglobulin are bound to each other and stably associated with its function retained.

4. (Currently Amended) A chimeric protein heterodimer complex, according to claim 2 or claim 3, wherein the $\alpha 1$, $\alpha 2$, $\alpha 3$, $\alpha 4$, $\alpha 5$, $\alpha 6$, $\alpha 7$, $\alpha 8$, $\alpha 9$, αv , αL , αM , αX , αllb or αE .

5. (Currently Amended) A chimeric protein heterodimer complex, according to claim 2 or claim 3, wherein the β chain of said integrin in $\beta 1$, $\beta 2$, $\beta 3$, $\beta 4$, $\beta 5$, $\beta 6$, $\beta 7$ or $\beta 8$.